

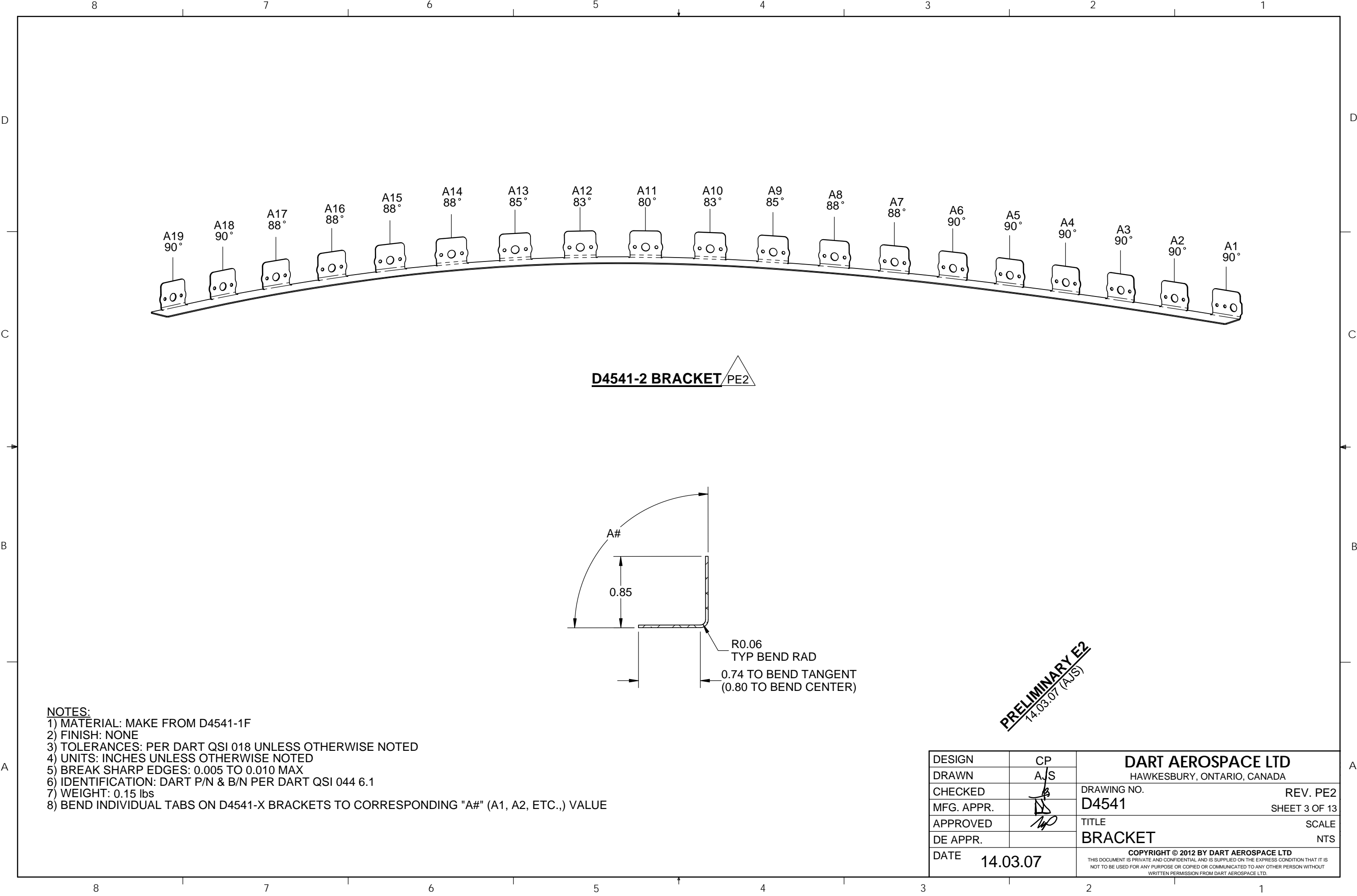
**D4541-1 BRACKET** PE2

**PRELIMINARY E2**  
14.03.07 (AJS)

- NOTES:**
- 1) MATERIAL: MAKE FROM D4541-1F
  - 2) FINISH: NONE
  - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
  - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
  - 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
  - 6) IDENTIFICATION: DART P/N & B/N PER DART QSI 044 6.1
  - 7) WEIGHT: 0.15 lbs
  - 8) BEND INDIVIDUAL TABS ON D4541-X BRACKETS TO CORRESPONDING "A#" (A1, A2, ETC.,) VALUE

PE2	ADDED -1 & -2 BENT. SHT 2 & 4 ZN C6 0.80 DIM WAS 0.60. SHT 10 ZN C7 & C4 1.75 DIM WAS 1.55 -5 & -6 UPDATED ACCORDINGLY. SHT 13 ZN C8 2.5 DIM WAS 2.3, 1.66 DIM WAS 1.46. -7 & -8 UPDATED ACCORDINGLY.	AJS	14.03.07
D	ADD BENT SHAPES -3/-4/-7/-8	CP	13.02.04
C	D4541-5F WAS -5; ADD -5/-6; RMV FINISH (-1/-2/-3/-5F/-7); 0.70 WAS 0.60 (ZN D1-3)	CP	12.04.20
B	-5: 1.55 WAS 1.45 (ZN C4-4)	CP	12.02.01
A	NEW ISSUE	CP	12.01.09
REV.	DESCRIPTION	BY	DATE
DESIGN	CP	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
DRAWN	AJS		
CHECKED	<i>[Signature]</i>	DRAWING NO.	REV. PE2
MFG. APPR.	<i>[Signature]</i>	<b>D4541</b>	SHEET 1 OF 13
APPROVED	<i>[Signature]</i>	TITLE	SCALE
DE APPR.		<b>BRACKET</b>	NTS
DATE	14.03.07	COPYRIGHT © 2012 BY DART AEROSPACE LTD <small>THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.</small>	

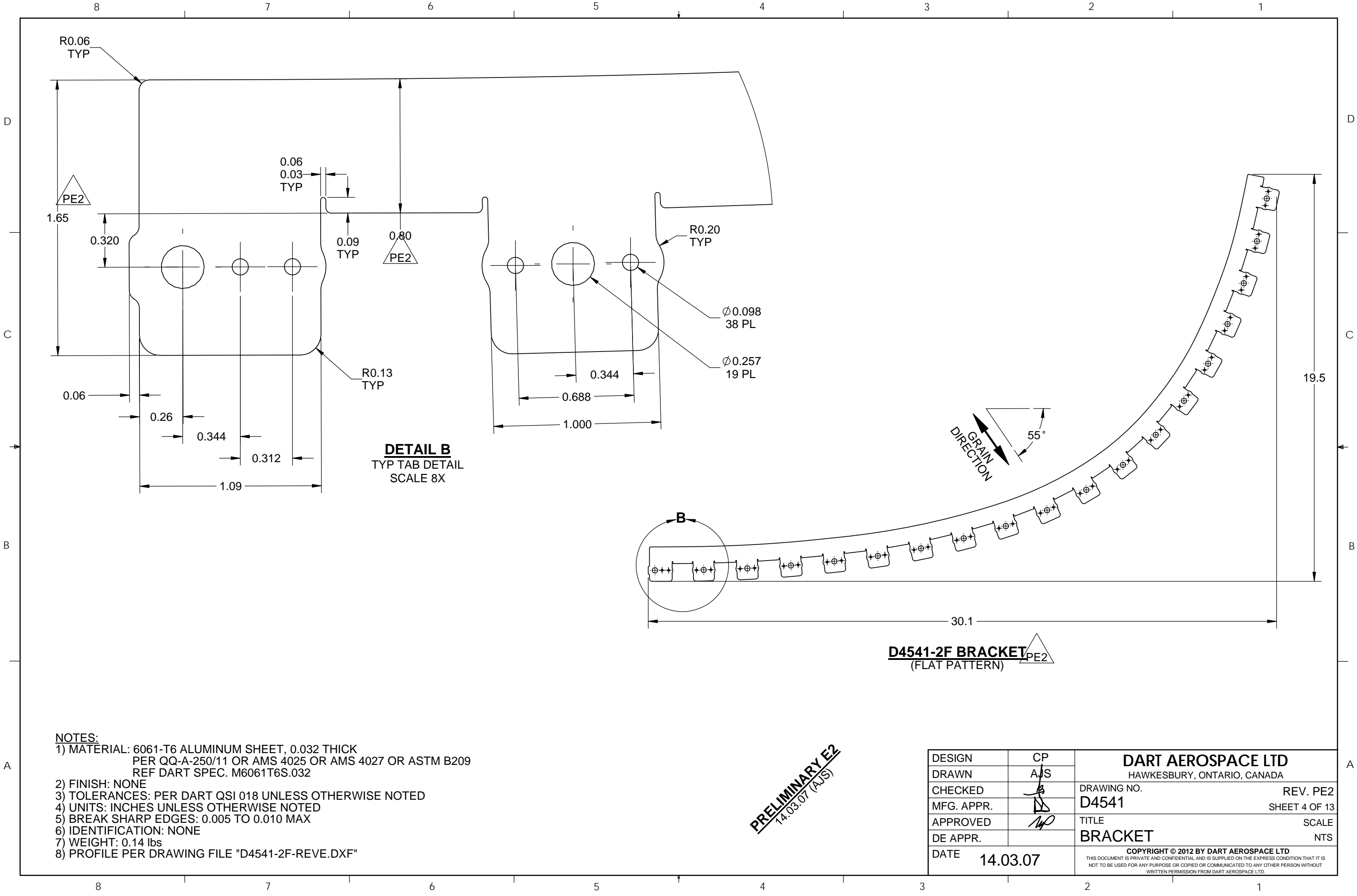


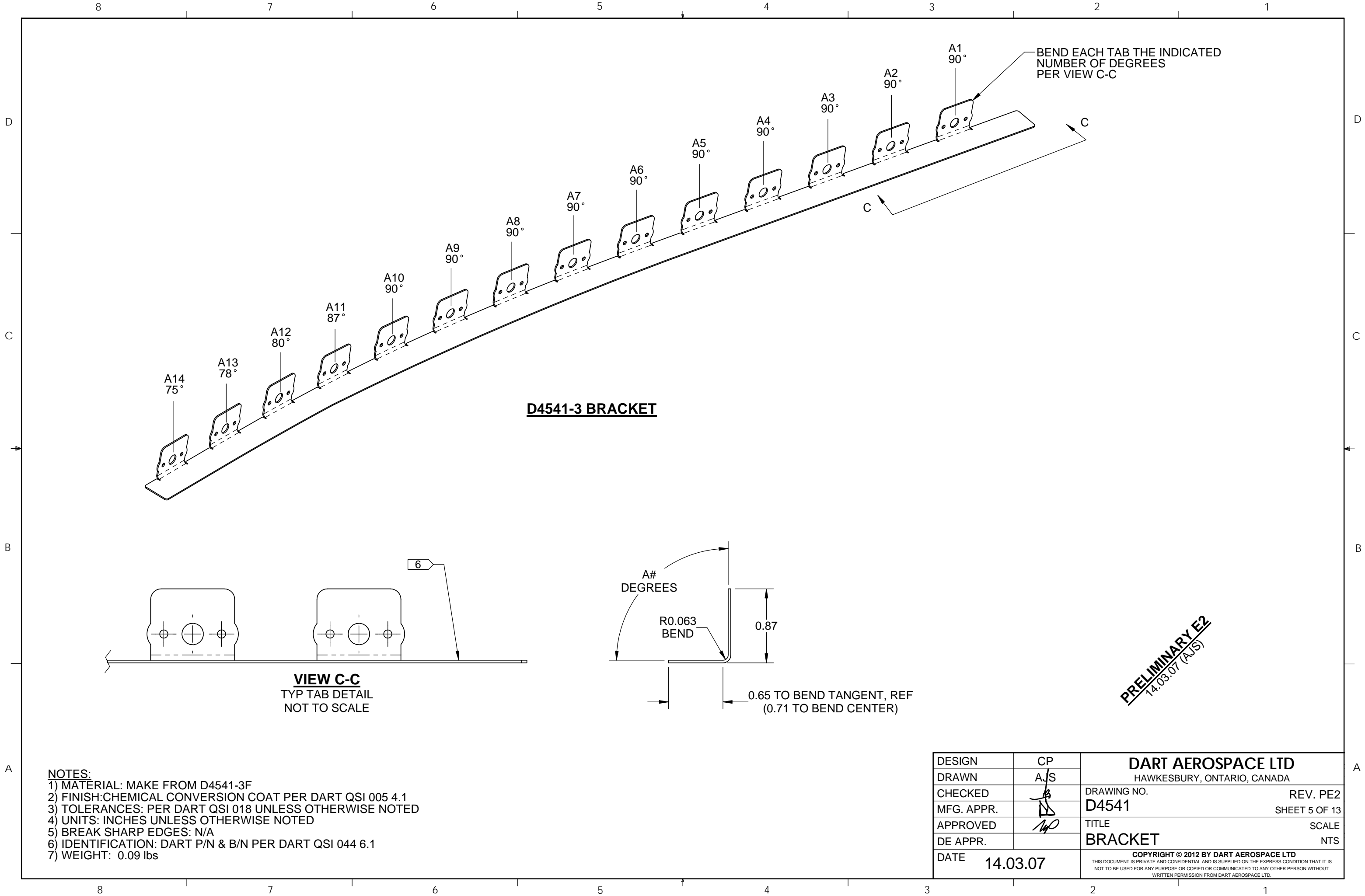


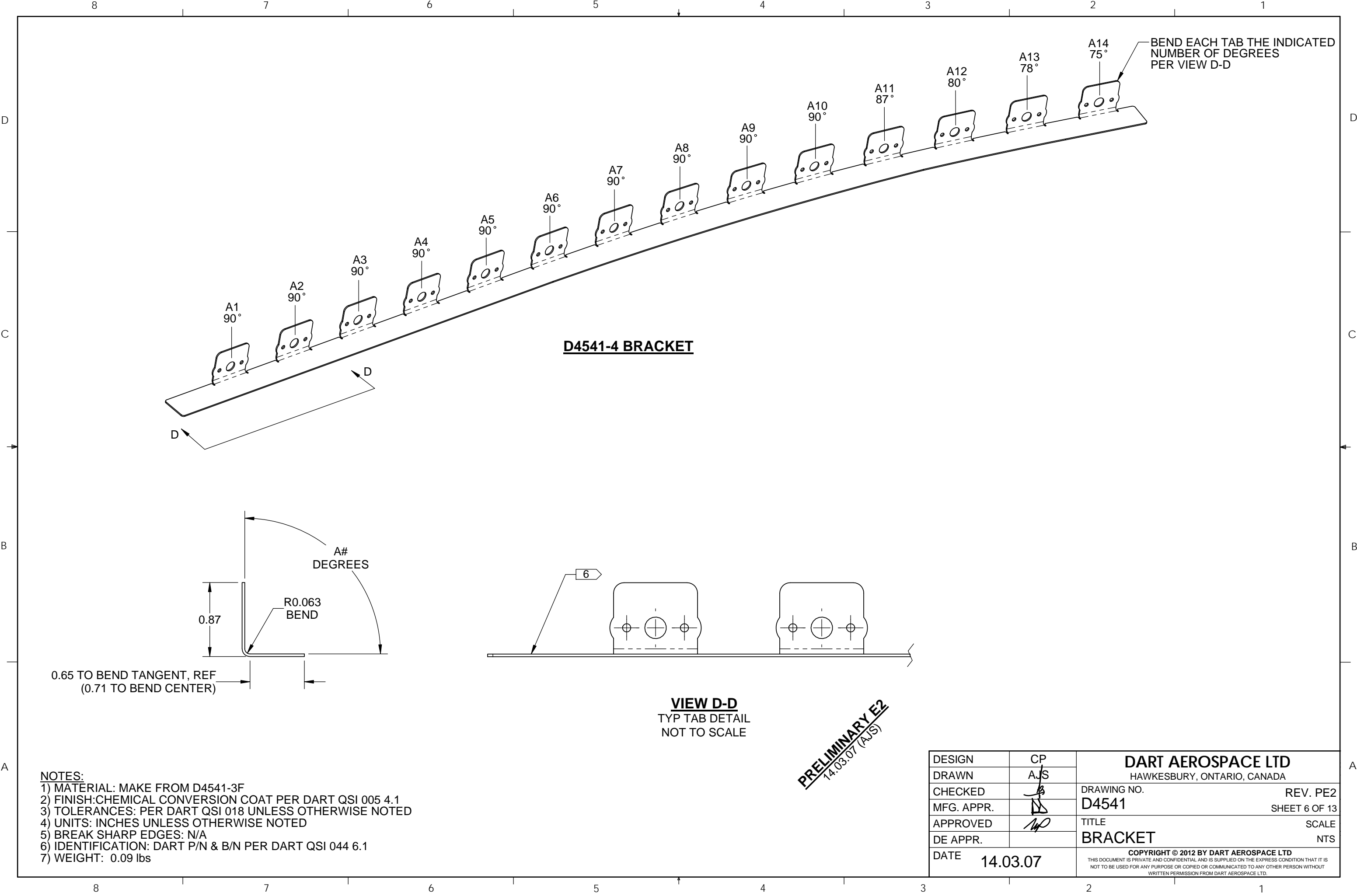
**NOTES:**  
1) MATERIAL: MAKE FROM D4541-1F  
2) FINISH: NONE  
3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED  
4) UNITS: INCHES UNLESS OTHERWISE NOTED  
5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX  
6) IDENTIFICATION: DART P/N & B/N PER DART QSI 044 6.1  
7) WEIGHT: 0.15 lbs  
8) BEND INDIVIDUAL TABS ON D4541-X BRACKETS TO CORRESPONDING "A#" (A1, A2, ETC.,) VALUE

**PRELIMINARY E2**  
14.03.07 (AJS)

DESIGN	CP	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
DRAWN	AJS		
CHECKED	<i>[Signature]</i>	DRAWING NO.	REV. PE2
MFG. APPR.	<i>[Signature]</i>	<b>D4541</b>	SHEET 3 OF 13
APPROVED	<i>[Signature]</i>	TITLE	SCALE
DE APPR.		<b>BRACKET</b>	NTS
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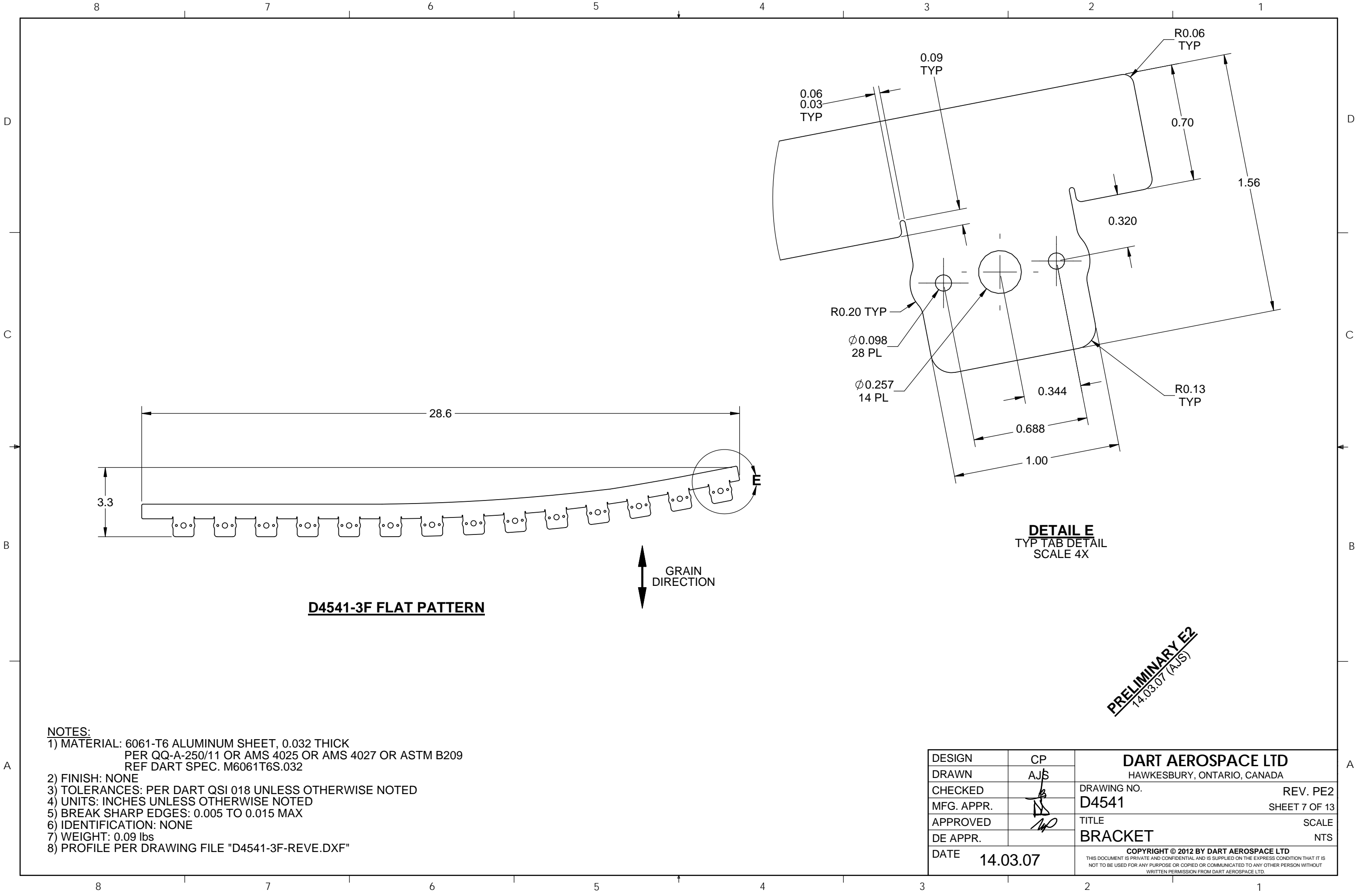


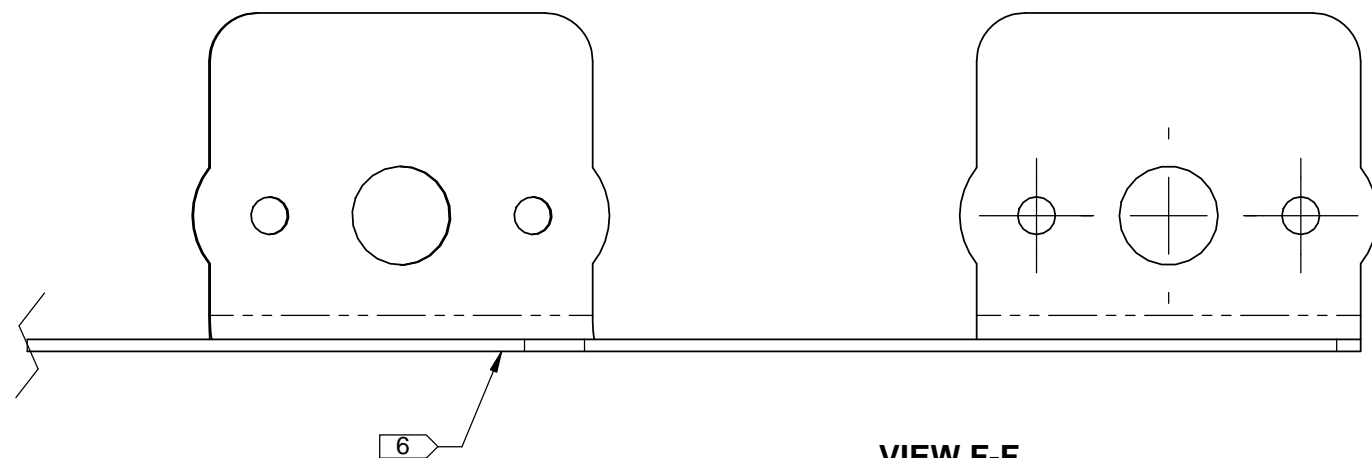
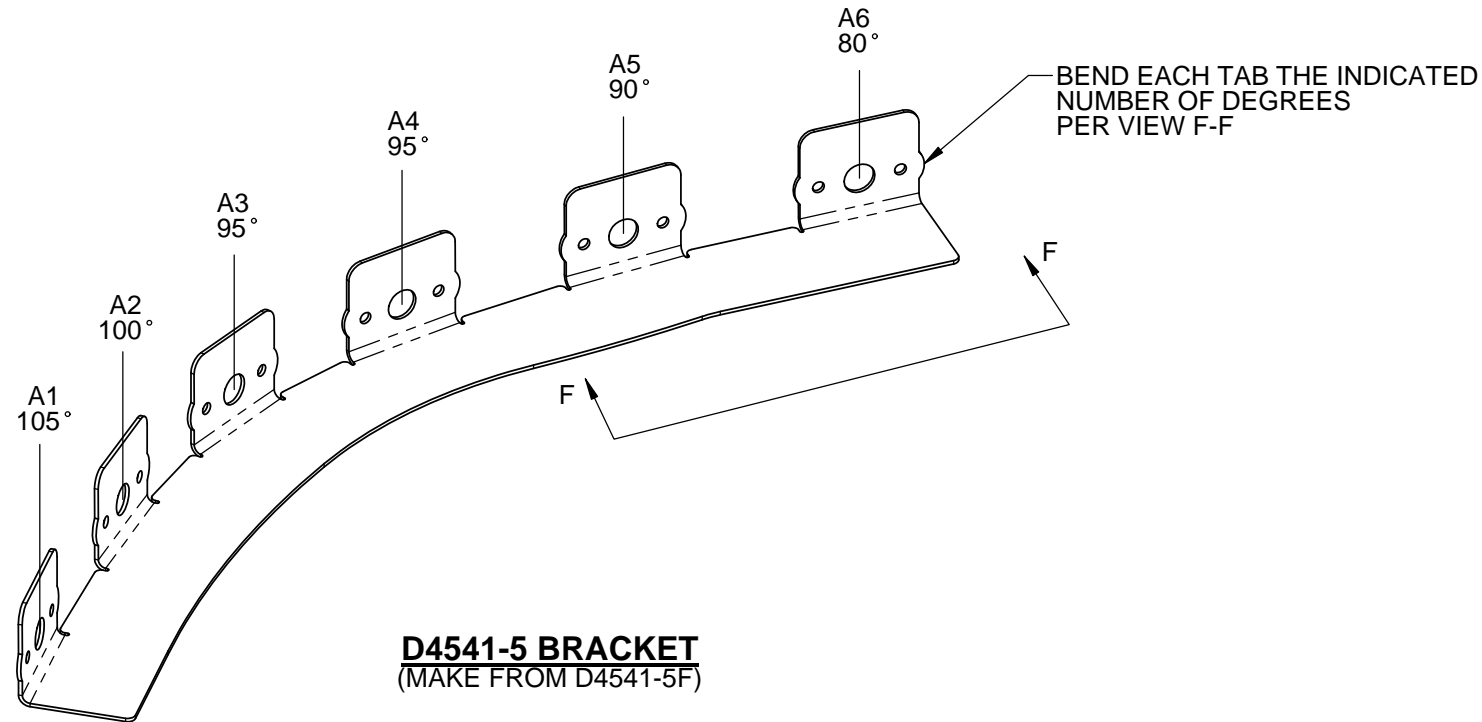




- NOTES:
- 1) MATERIAL: MAKE FROM D4541-3F
  - 2) FINISH:CHEMICAL CONVERSION COAT PER DART QSI 005 4.1
  - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
  - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
  - 5) BREAK SHARP EDGES: N/A
  - 6) IDENTIFICATION: DART P/N & B/N PER DART QSI 044 6.1
  - 7) WEIGHT: 0.09 lbs

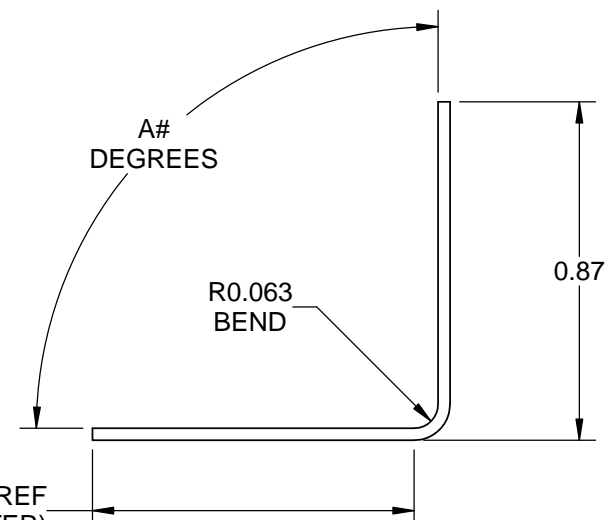
DESIGN	CP	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	AJS		
CHECKED	<i>[Signature]</i>	DRAWING NO. D4541	REV. PE2
MFG. APPR.	<i>[Signature]</i>	SHEET 6 OF 13	
APPROVED	<i>[Signature]</i>	TITLE BRACKET	SCALE NTS
DE APPR.			
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**VIEW F-F**  
BEND DETAIL  
SCALE 2X

PE2  
0.84 TO BEND TANGENT, REF  
(0.90 TO BEND CENTER)



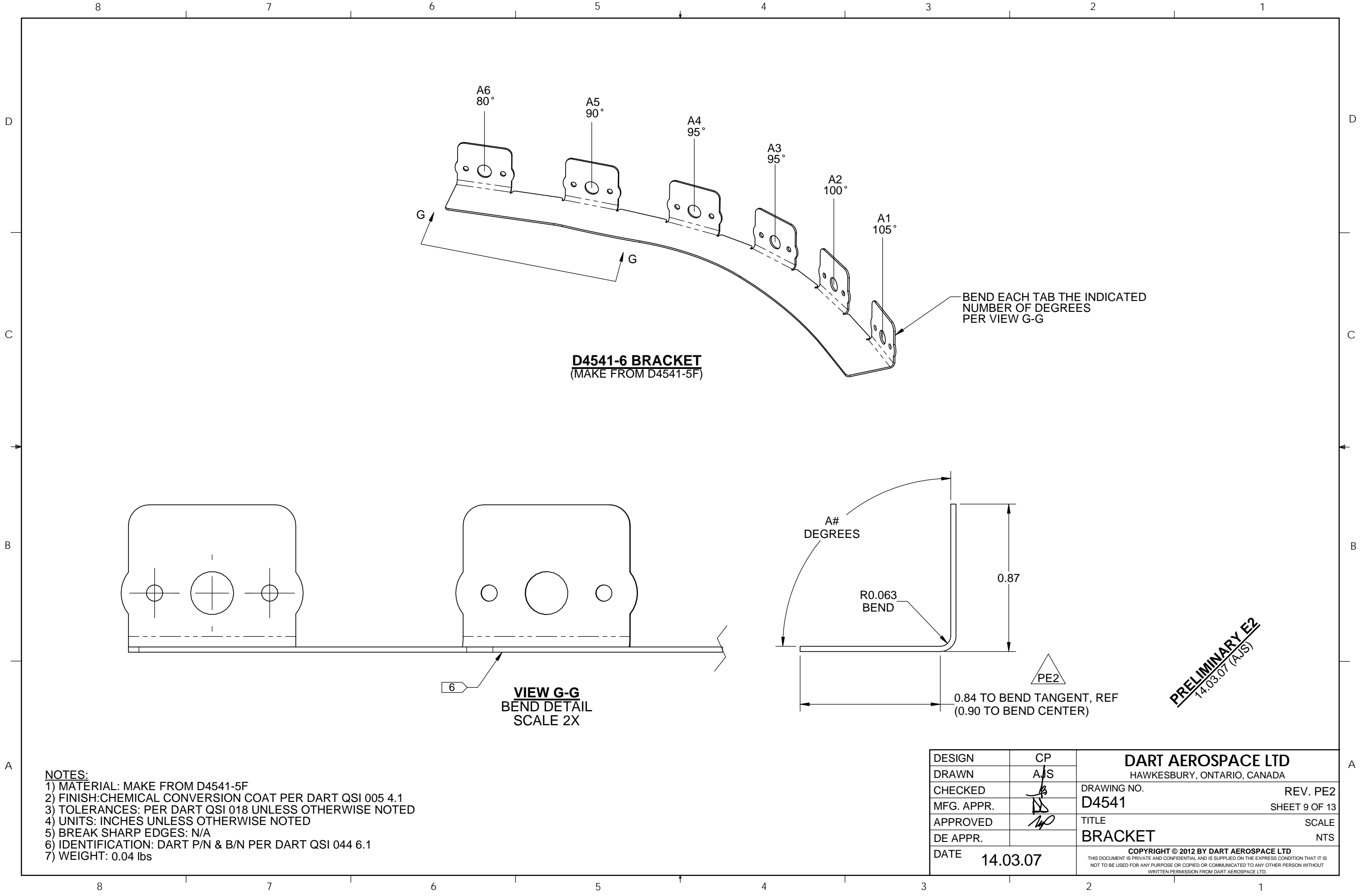
**PRELIMINARY E2**  
14.03.07 (AJS)

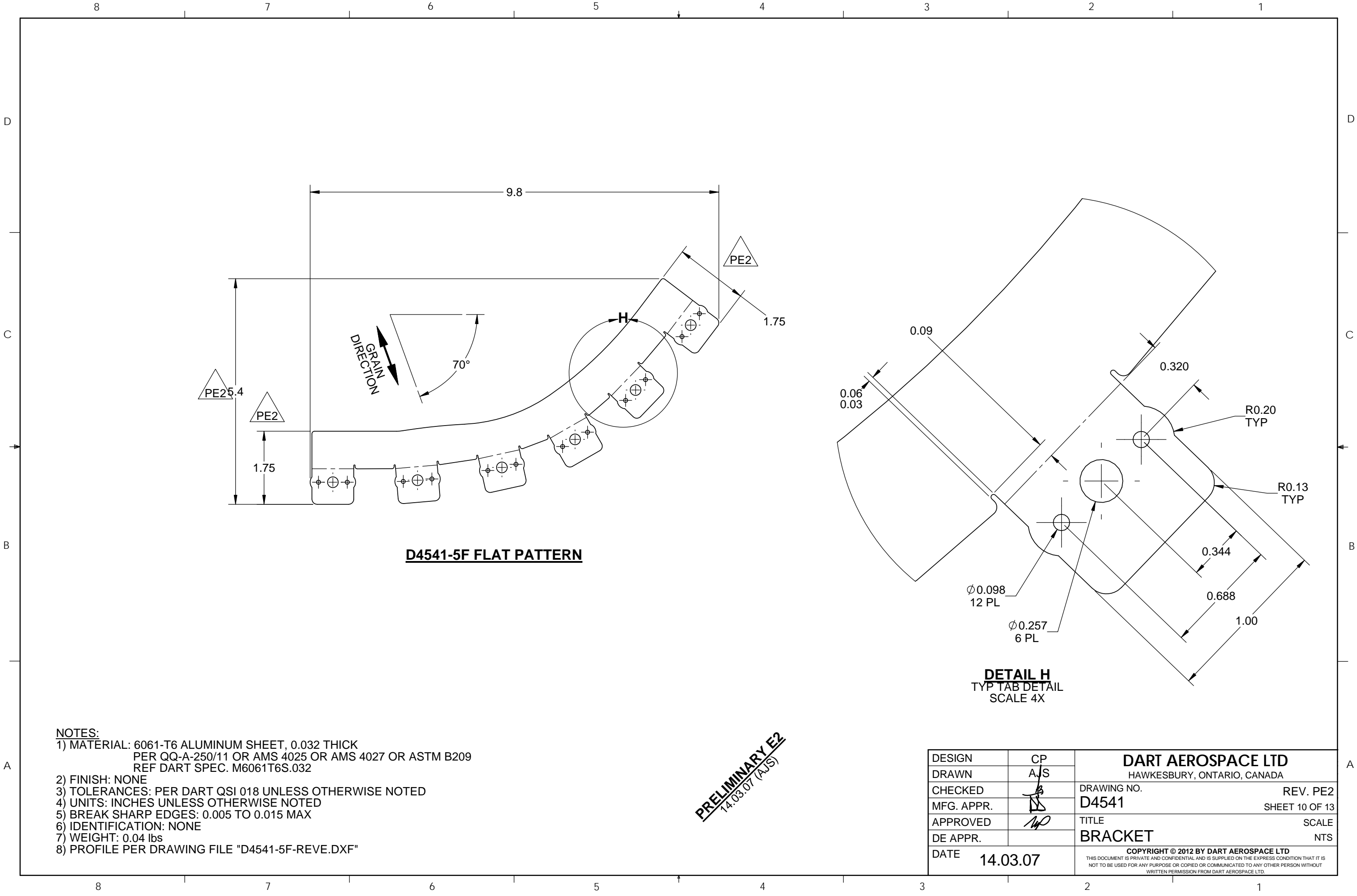
**NOTES:**

- 1) MATERIAL: MAKE FROM D4541-5F
- 2) FINISH:CHEMICAL CONVERSION COAT PER DART QSI 005 4.1
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: N/A
- 6) IDENTIFICATION: DART P/N & B/N PER DART QSI 044 6.1
- 7) WEIGHT: 0.04 lbs

DESIGN	CP	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
DRAWN	AJS		
CHECKED	<i>[Signature]</i>	DRAWING NO. <b>D4541</b>	REV. PE2
MFG. APPR.	<i>[Signature]</i>	SHEET 8 OF 13	
APPROVED	<i>[Signature]</i>	TITLE <b>BRACKET</b>	SCALE NTS
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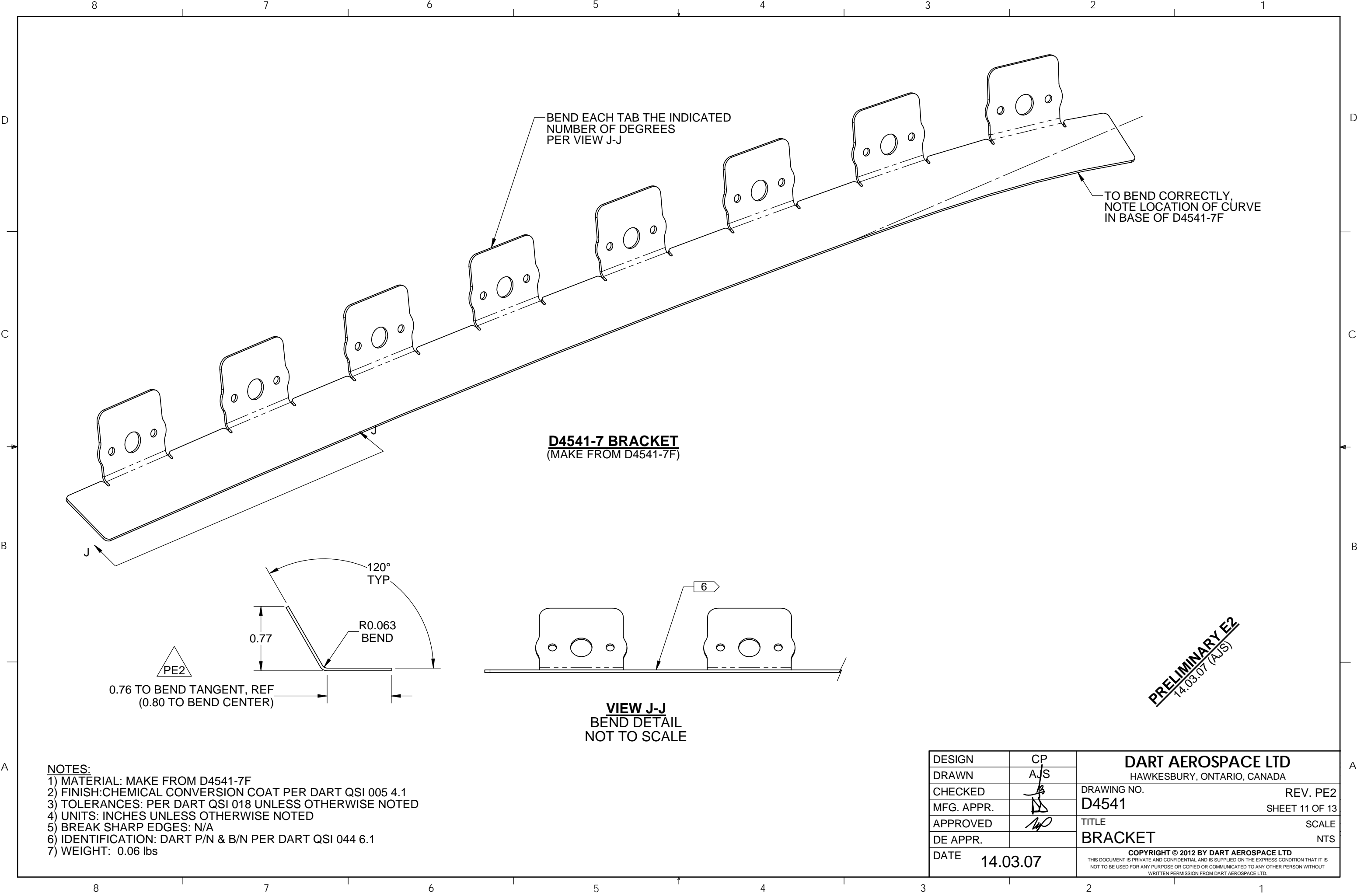


NOTES:

- 1) MATERIAL: 6061-T6 ALUMINUM SHEET, 0.032 THICK  
PER QQ-A-250/11 OR AMS 4025 OR AMS 4027 OR ASTM B209  
REF DART SPEC. M6061T6S.032
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.015 MAX
- 6) IDENTIFICATION: NONE
- 7) WEIGHT: 0.04 lbs
- 8) PROFILE PER DRAWING FILE "D4541-5F-REVE.DXF"

PRELIMINARY E2  
14.03.07 (AJS)

DESIGN	CP	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	AJS		
CHECKED	<i>[Signature]</i>	DRAWING NO. D4541	REV. PE2
MFG. APPR.	<i>[Signature]</i>	SHEET 10 OF 13	
APPROVED	<i>[Signature]</i>	TITLE BRACKET	SCALE NTS
DE APPR.			
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- NOTES:**
- 1) MATERIAL: MAKE FROM D4541-7F
  - 2) FINISH:CHEMICAL CONVERSION COAT PER DART QSI 005 4.1
  - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
  - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
  - 5) BREAK SHARP EDGES: N/A
  - 6) IDENTIFICATION: DART P/N & B/N PER DART QSI 044 6.1
  - 7) WEIGHT: 0.06 lbs

DESIGN	CP	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
DRAWN	AJS		
CHECKED	<i>[Signature]</i>	DRAWING NO. <b>D4541</b>	REV. PE2 SHEET 11 OF 13
MFG. APPR.	<i>[Signature]</i>	TITLE <b>BRACKET</b>	SCALE NTS
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DE APPR.			
DATE	14.03.07		

**PRELIMINARY E2**  
14.03.07 (AJS)

